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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT OPERATION

In re Application of:

Letzsch, Warren S.

Serial No. 10/043,954                      Group Art Unit: Not yet known.  
Filed : January 10, 2002                      Examiner: Not yet known.  
For: **IMPROVED DEEP CATALYTIC CRACKING PROCESS**

New York, NY 10036  
March 7, 2002

Commissioner of Patents & Trademarks  
Box DD  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

Sir:

The following statement of relevance is submitted with the accompanying Form  
SB-08A.

**Document  
Designation**

**Relevance**

AA  
U.S. 4,980,053

Relates to production of gaseous olefins by catalytic  
conversion of hydrocarbons.

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Washington, D.C. 20231

on March 7, 2002  
*Al B. Clement*

Alan B. Clement, Reg. No. 34,563

AB  
U.S. 5,009,769

Relates to process for catalytic cracking of hydrocarbons.

AC  
U.S. 5,043,058

Relates to quenching downstream of an external vapor catalyst separator.

AD  
U.S. 5,232,675

Relates to rare earth-containing high-silica zeolite having penta-sil structure and process for the same.

AE  
U.S. 5,326,465

Relates to process for the production of LPG rich in olefins and high quality gasoline.

AF  
U.S. 5,380,690

Relates to cracking catalyst for the production of light olefins.

AG  
U.S. 5,565,176

Relates to catalytically cracking paraffin rich feedstocks comprising high and low Concarbon components.

AH  
U.S. 5,670,037

Relates to process for producing light olefins by catalytic conversion of hydrocarbons.

AI  
U.S. 5,766,558

Relates to fluid catalytic cracking process and apparatus.

AJ  
U.S. 5,981,818

Relates to integrated cracking and olefins derivative process utilizing dilute olefins.

AK  
U.S. 6,010,618

Relates to FCC process with two zone short contact time reaction conduit.

Full text copies of the prior art are enclosed herewith. It is respectfully requested that this art be considered by the Examiner in the above-entitled application made of record therein. It is believed that no fee is required for submission of this Information Disclosure Statement under 37 C.F.R. §1.97(b). However, if a fee is due, the Commissioner is hereby authorized to charge Deposit Account 08-1540.

Respectfully submitted,



Alan B. Clement  
Reg. No. 34, 563

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